Page 1 of 4





RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/817,869

DATE: 08/12/2002 TIME: 14:01:40

Input Set : N:\jumbos\09817869.raw

Output Set: N:\CRF3\08122002\I817869.raw

3 <110> APPLICANT: WANG, XUEMIN

YONGMING, SANG

6 <120> TITLE OF INVENTION: DROUGHT TOLERANT PLANTS AND METHODS OF INCREASING DROUGHT

TOLERANCE IN

7 PLANTS

9 <130> FILE REFERENCE: 30509

C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/817,869

C--> 11 <141> CURRENT FILING DATE: 2002-07-11

11 <160> NUMBER OF SEQ ID NOS: 2

13 <170> SOFTWARE: PatentIn version 3.0

15 <210> SEO ID NO: 1

16 <211> LENGTH: 783 17 <212> TYPE: DNA

18 <213> ORGANISM: Arabidopsis thaliana

20 <400> SEQUENCE: 1

60 21 tqttccaaqa qaccacqatq tqtqqaatqt ccaattqttt aggtccattq atggaggagc

120 23 tgctqctqqq tttcccqaqt cqcctqaaqc tqctqcqqaa qccqqqcttq tacagtggga 25 aagataacat cattgatagg agtatccaag atgcttacat tcatgcaatc agacgtgcta 180

27 aggattteat etaegttgaa aaceagtaet teettgggag tiettitiget tgggeageeg 240

300 29 atggtattac teetgaggae ateaatgeee tgeaettaat eecaaaagag ttgtegetga

360 31 agatagttag caagattgat caaggagaga agttcagggt ctatgttgtg gttccaatgt

33 qqccaqaaqq totoccaqaq aqtqqatcaq tqcaaqctat attaqactqq cagaggagga 420

35 ccatggagat gatgtacaag gatgtgattc aggctctcaa gggtcttgag ggcccggaag 480

37 atocaagaaa otatotgaca ttottotgto ttggaaacog tgaggtoaag aaagatggag 540

600 39 agtatqaqee tgetqagaaa eeaqaeeeeg acaetgatta catgagggeg caagaageae

41 geogttteat gatttaegte cacaccaaaa tgatgategt tgacgatgaa tacattatea 660

720 43 ttgggtctgc taacatcaac cagaggtcaa tggacggtgc aagagactct gagatagcaa

45 tgggaggtta tcaaccacat cacttgtccc atagacaacc agetcgtggc cagatccatg 780

783 47 ggt

50 <210> SEQ ID NO: 2

51 <211> LENGTH: 2808

52 <212> TYPE: DNA

53 <213> ORGANISM: Ricinus communis

55 <400> SEQUENCE: 2

56 cttcqtttca cattctctqt acttttacqa ttacqcqcat acaaaattat tttatttqat 60

120 58 atatacatac acacggaget aagateggat eagateacag aaattetete atteteagat

60 ctctctctgt ttctcttcat catcataaat ttacaagtga gaaatggcgc agatatcttt 180

62 gcacqqaact ctacatgtaa cgatctatga ggtggataag cttcacagcg gaggtggtcc 240

300 64 ccacttettt eqtaagettq ttgaaaatat tgaggagaca gttggttttg gcaaaggagt

360 66 taqtaaactc tatqcaacta ttqacctaqa aaaqqctaqa gttqqqaqqa ctaqaatact

420 68 ggaaaatgaa caatccaacc ccaggtggta tgagtccttt cacgtttatt gtgctcatca

70 qqcttcaaat gtaatattca cagtcaagga tgataatcct attggggcca ccttaattgg 480 540

600 74 qatattgqat qaaqacaaqa accccqtcca tagtqqttct aagatccatq tgaaactgca

72 aaqaqcatat qtaccaqttq aaqaqctcct agatggagaa gagatagata ggtgggttga





RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/817,869

DATE: 08/12/2002 TIME: 14:01:40

Input Set : N:\jumbos\09817869.raw
Output Set: N:\CRF3\08122002\1817869.raw

76	gtactttgag	gttaccaagg	accgtaactg	gggacagggt	atcagaagtt	caaaatatcc	660
78 1	tggagtacct	tatacatact	tctcgcagag	acaaggatgt	aaggtttctc	tctaccaaga	720
80 1	tgctcatatt	ccagacaaat	ttgttcctca	aatteetett	gctggaggca	attactatga	780
				tgcaattacc			840
84 (catcactggc	tggtctgttt	atactgaaat	ctccttaata	agggactcga	ggaggccaaa	900
				gcttaagaag			960
				ctccgttggt			1020
				tttcttccag			1080
92	getgtgteet	cgaaatcctg	atgatggtgg	aagctttgtt	caggatetae	aaatctctac	1140
				ggtggacagt			1200
96	gcagaggagg	agaattgtca	gttttgttgg	gggtctcgac	ctctgtgatg	ggagatatga	1260
				ggattcggca			1320
				aggtggtcca			1380
102	ccactccaga	cttgaaggac	caattgcttg	ggatgttttg	tttaattttg	agcagagatg	1440
104	gagaaagcaa	ı ggtggtaaag	acctgctcat	: tcagctgaga	gaactagaag	atgttatcat	1500
				ı ctttgaggca			1560
108	atccattgat	. ggtggagctg	catttggttt	: ccctgagaca	cctgaagatg	cgccagaggc	1620
110	tgggcttgtc	agtggaaagg	ataacatcat	. tgaccgaagt	attcaggatg	cttatatcca	1680
112	tgccattcga	agggcaaaga	attttattta	ı tattgaaaat	cagtatttcc	ttggaagttc	1740
				: tgaggatatt			1800
				ı gattgcggca			1860
118	cattgttgtt	. ccaatgtggc	cagagggtat	. accagagagt	gcatcagttc	aggctatatt	1920
120	agattggcag	, aagaggacaa	tggaaatgat	. gtataaagat	attgtgcagg	ctctcaaagc	1980
				ı tctgacattc			2040
				agaaaaacca			2100
126	aagagctcag	gaggccagac	gtttcatgat	: ttatgttcat	acaaagatga	tgattgtcga	2160
128	tgatgagtac	: attataattg	gatctgccaa	catcaaccag	agatcaatgg	atggtgctag	2220
				accacatcac			2280
				: attatggtac			2340
				ı gtgtgtcaga			2400
				: actggaacat			2460
				agatgtcaca			2520
				tgctaaatcc			2580
				gaagaattac			2640
				tgtatcgcca			2700
		,,,,	, ,	tgtgtcactg	, ,, , ,	gtgtgatgct	2760
148	gtctatgttg	aactttgttt	atctaatcca	tgtcttttc	tacaaaac		2808





VERIFICATION SUMMARY

PATENT APPLICATION: US/09/817,869

DATE: 08/12/2002 TIME: 14:01:41

Input Set : N:\jumbos\09817869.raw

Output Set: N:\CRF3\08122002\I817869.raw

 $L:11\ \text{M}:270\ \text{C}:$ Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date